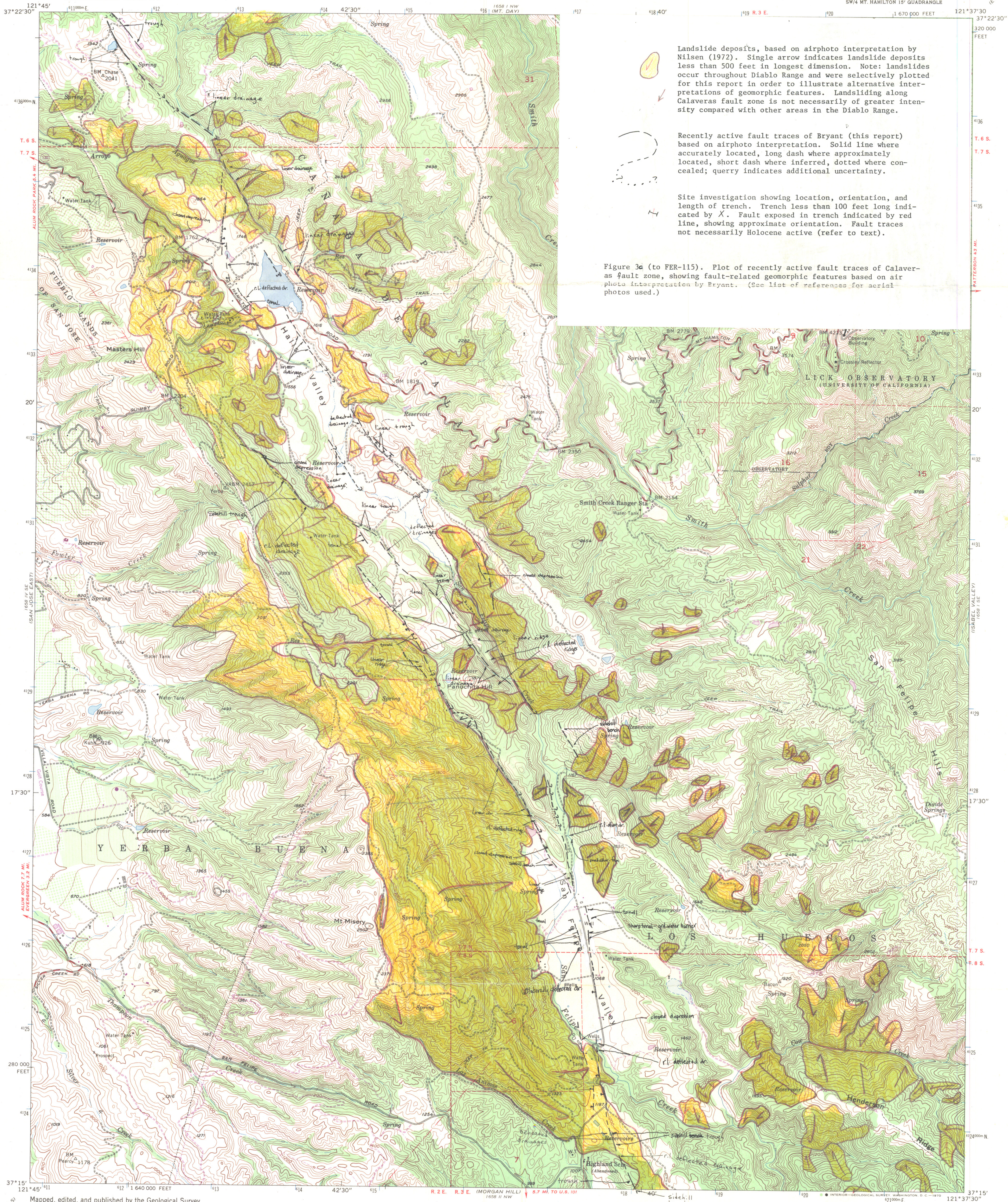


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LICK OBSERVATORY QUADRANGLE
CALIFORNIA—SANTA CLARA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 MT. HAMILTON 15' QUADRANGLE



Landslide deposits, based on airphoto interpretation by Nilsen (1972). Single arrow indicates landslide deposits less than 500 feet in longest dimension. Note: landslides occur throughout Diablo Range and were selectively plotted for this report in order to illustrate alternative interpretations of geomorphic features. Landsliding along Calaveras fault zone is not necessarily of greater intensity compared with other areas in the Diablo Range.

Recently active fault traces of Bryant (this report) based on airphoto interpretation. Solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query indicates additional uncertainty.

Site investigation showing location, orientation, and length of trench. Trench less than 100 feet long indicated by X. Fault exposed in trench indicated by red line, showing approximate orientation. Fault traces not necessarily Holocene active (refer to text).

Figure 3a (to FER-115). Plot of recently active fault traces of Calaveras fault zone, showing fault-related geomorphic features based on air photo interpretation by Bryant. (See list of references for aerial photos used.)

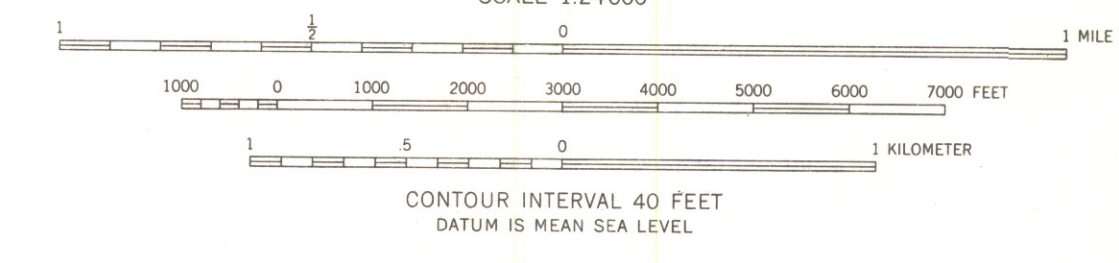
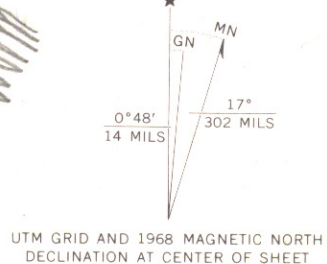
Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1953. Field check 1954-55

Polycyclic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 3

Dashed land lines indicate approximate locations
Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue

Revisions shown in purple compiled from aerial photographs
taken 1968. This information not field checked



ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt ——— State Route ———

LICK OBSERVATORY, CALIF.
SW/4 MT. HAMILTON 15' QUADRANGLE
N3715—W12137.5/7.5

1955
AMS 1658 I SW—SERIES V895

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